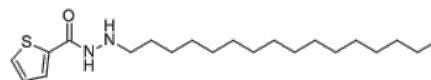


Product Name : SIS17
Cat. No. : PC-72097
CAS No. : 2374313-54-7
Molecular Formula : C₂₁H₃₈N₂OS
Molecular Weight : 366.608
Target : HDAC
Solubility : 10 mM in DMSO



Biological Activity

SIS17 is a selective, cell-active **HDAC11** inhibitor with IC₅₀ of 0.83 uM.

SIS17 displays no inhibitory effect (IC₅₀>100 uM) against Class I (HDAC1 and HDAC8), Class II (HDAC4), and the NAD-dependent Class III (sirtuins, SIRT1, SIRT2, SIRT3, and SIRT6).

SIS17 inhibits the demyristoylation of a myristoyl-SHMT2 peptide by HDAC11 in vitro with IC₅₀ of 270 nM, inhibits HDAC11-mediated SHMT2 defatty-acylation in cells.

References

Se In Son, et al. *ACS Chem Biol.* 2019 Jul 19;14(7):1393-1397.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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